

FIG. 1

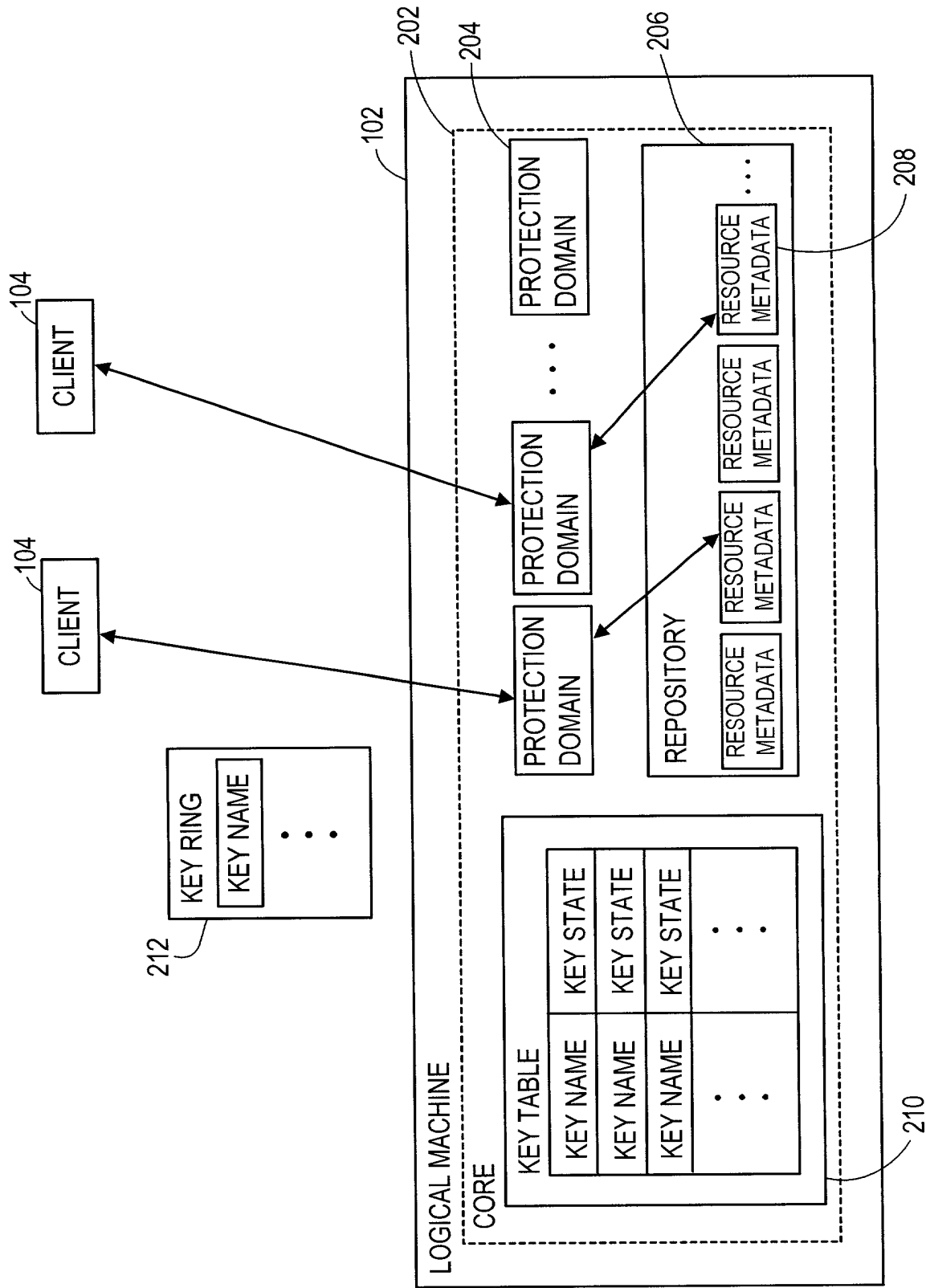


FIG. 2

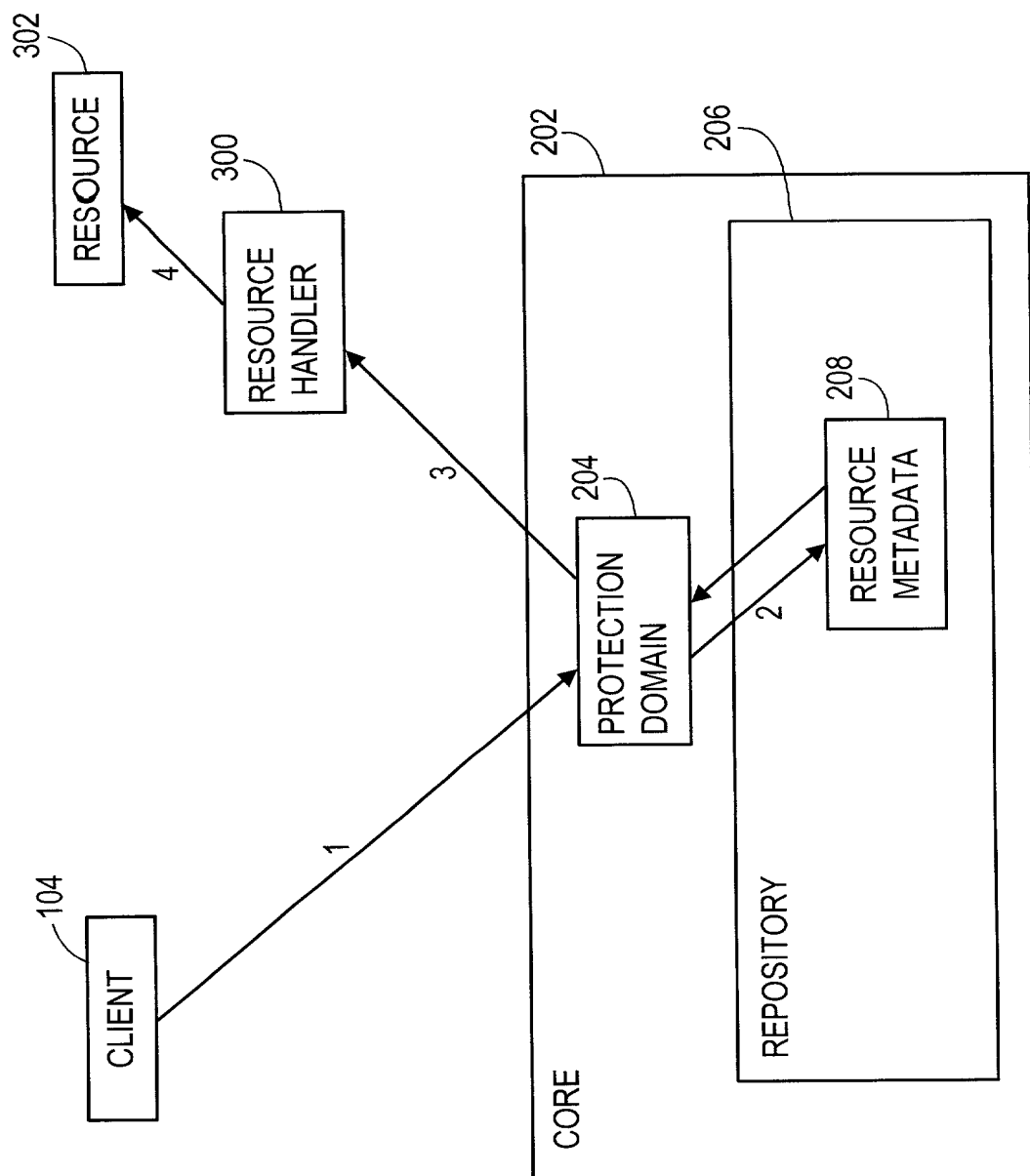


FIG. 3

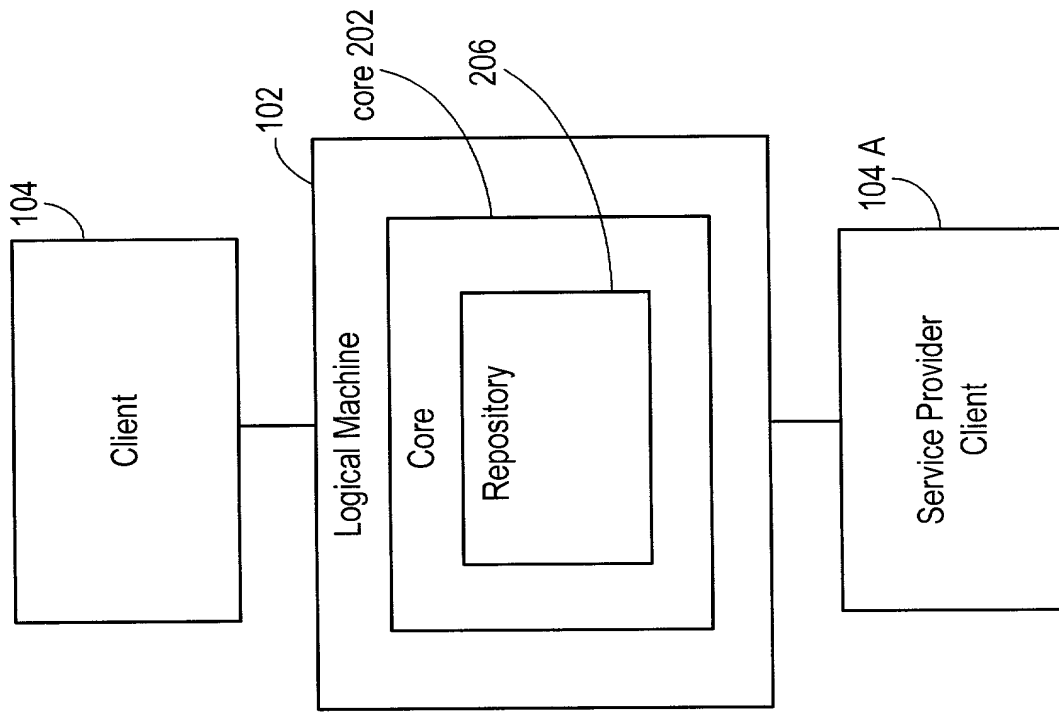


FIG. 4B

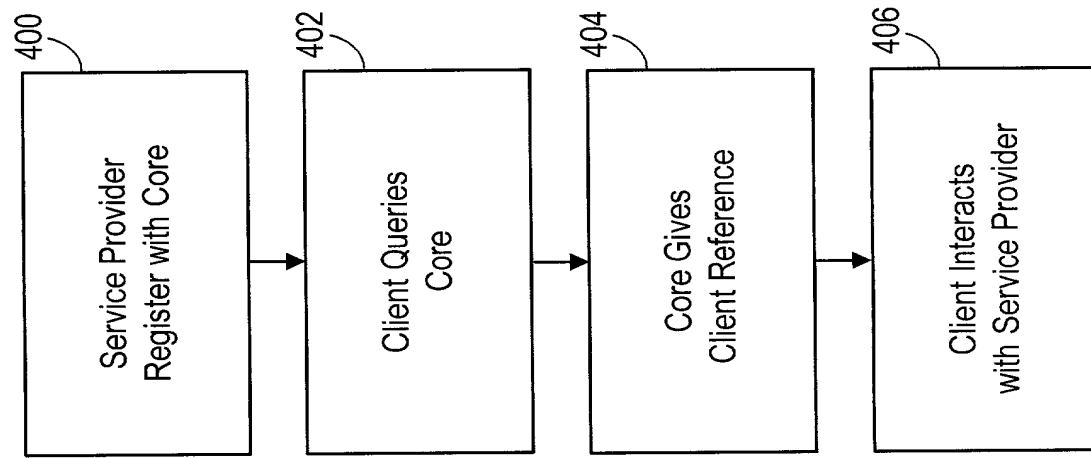


FIG. 4A

500

|     |                                |  |
|-----|--------------------------------|--|
| 502 | Vocabulary                     | The definition of the attributes and their types used in descriptions and lookups  |
| 504 | Resource Handler Mailbox       | The process/thread/task that handles the Resource  |
| 506 | Contract                       | Denotes the Application Programming Interface (API) supported by the provider, including version and similar information |
| 508 | Visibility and permissions     | Access control information   |
| 510 | Private Resource-specific data | Data important to the provider of the Resource, such as the provider's internal name for the Resource.                   |
| 512 | Public Resource-specific data  | Data important to the user of the Resource, such as a stub for invoking methods.   |

FIG. 5

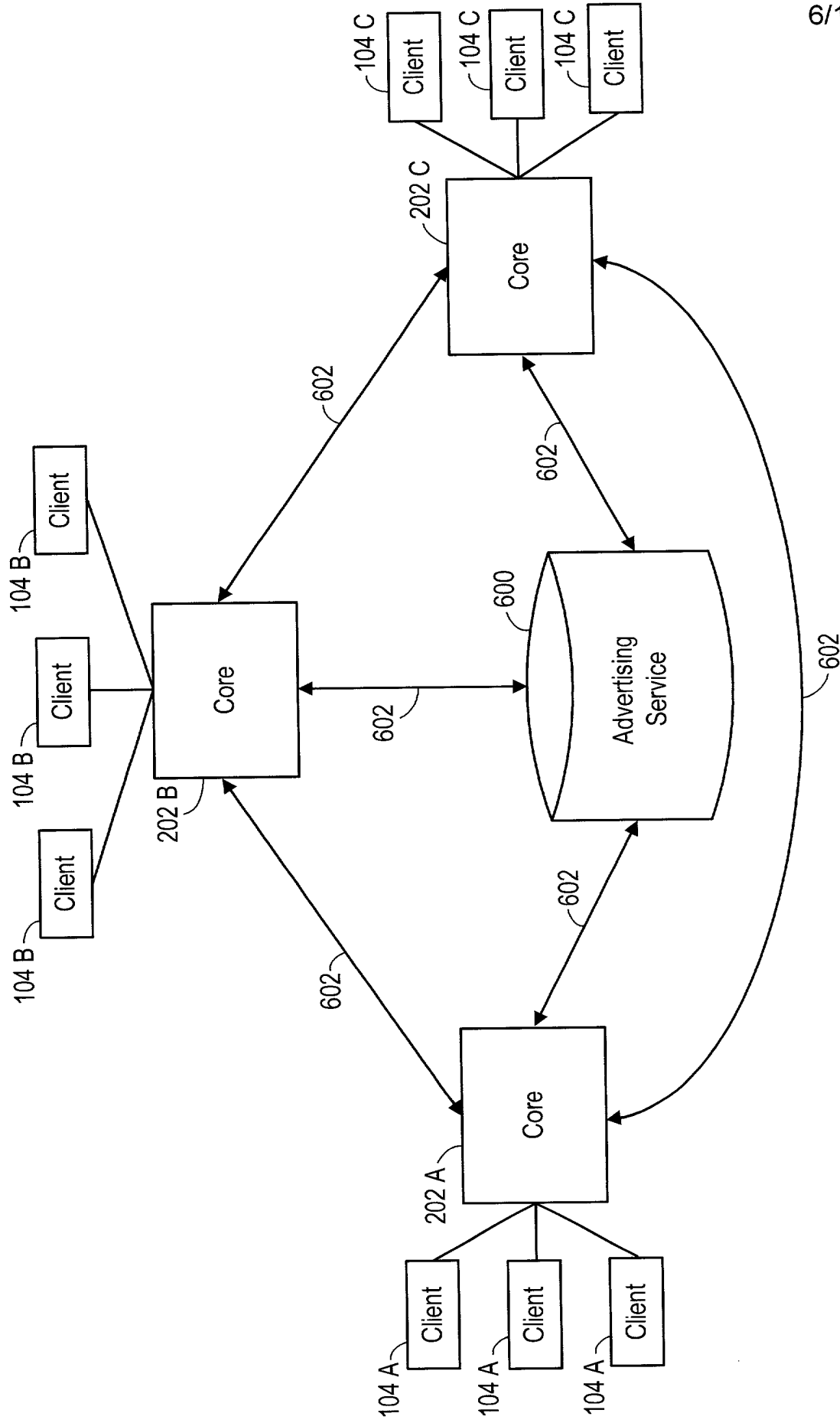


FIG. 6

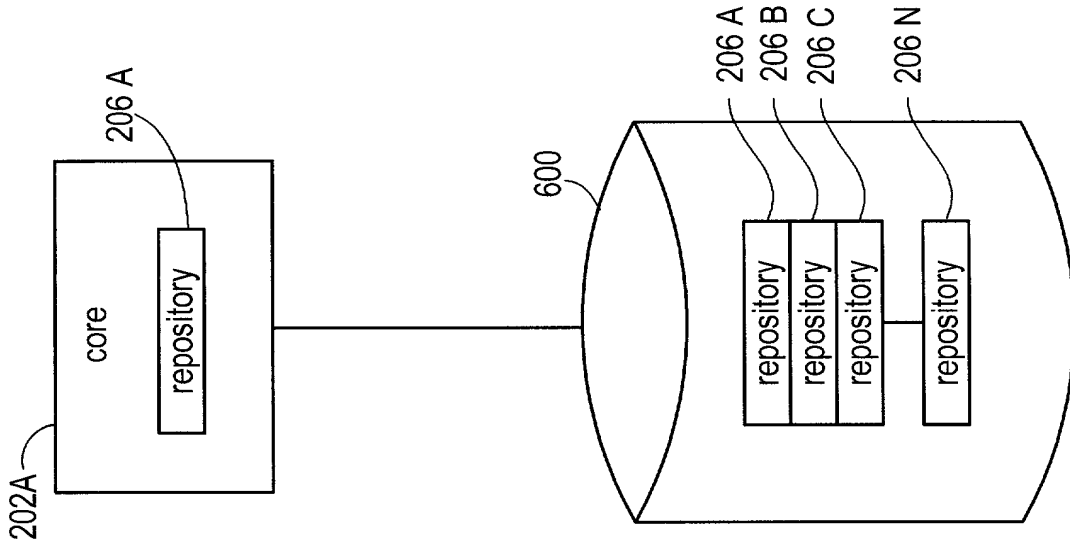


FIG. 7A OFFLINE

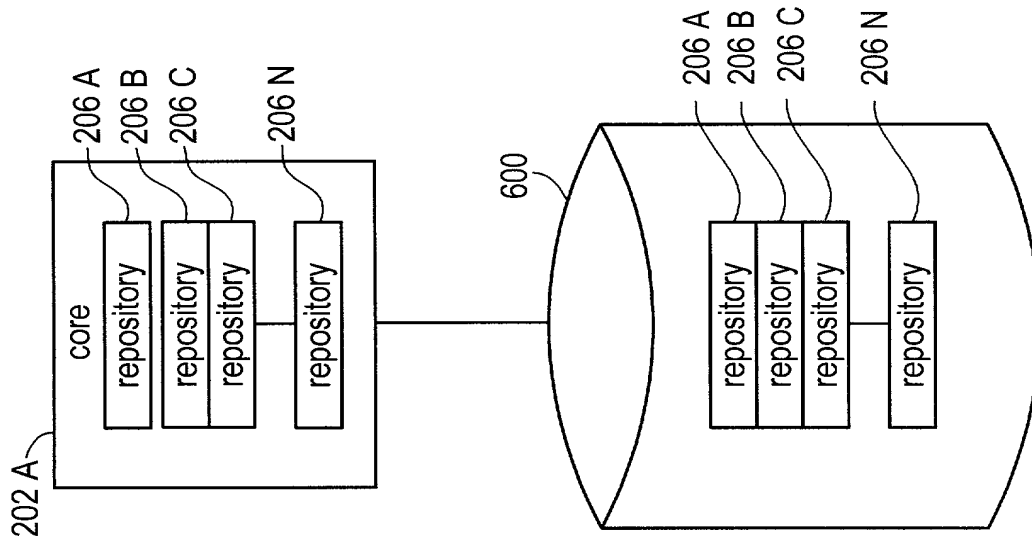


FIG. 7B ONLINE

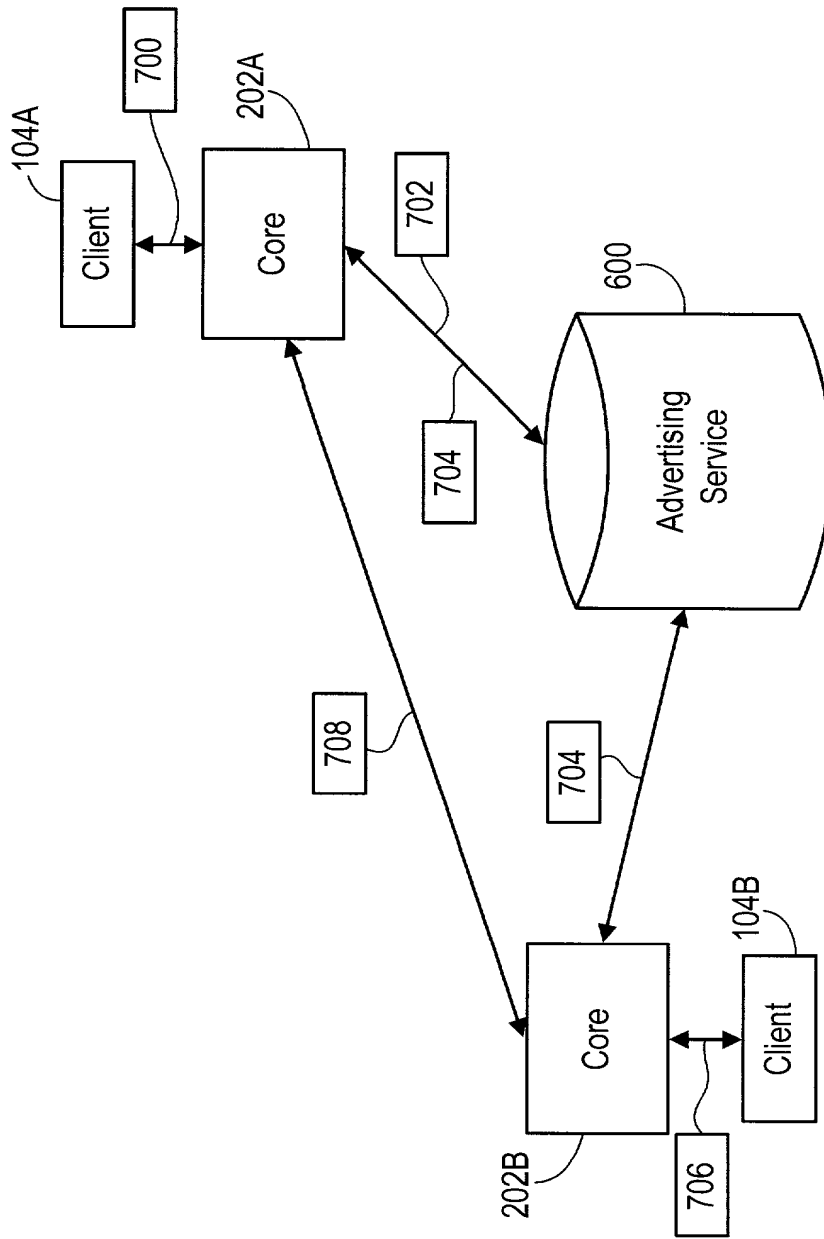


FIG. 8



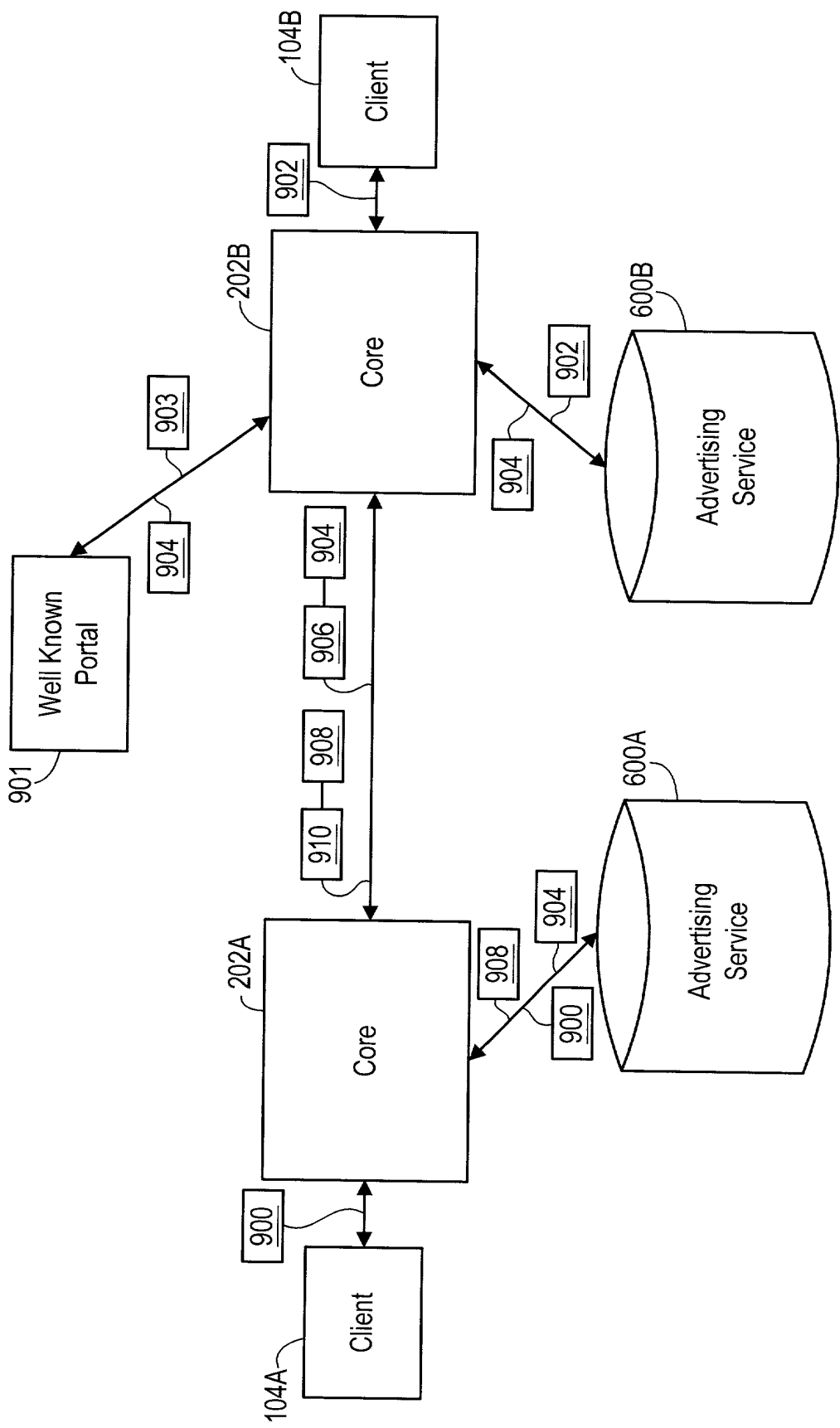


FIG. 9A

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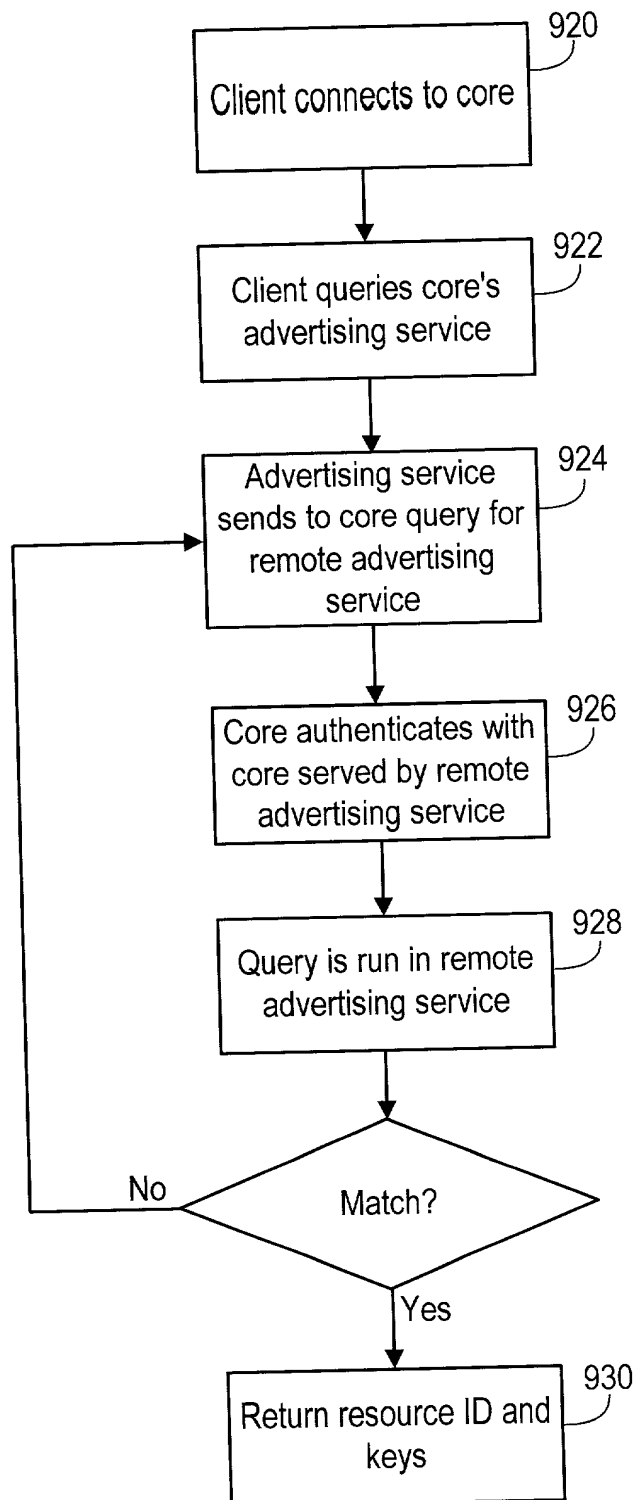


FIG. 9B

924

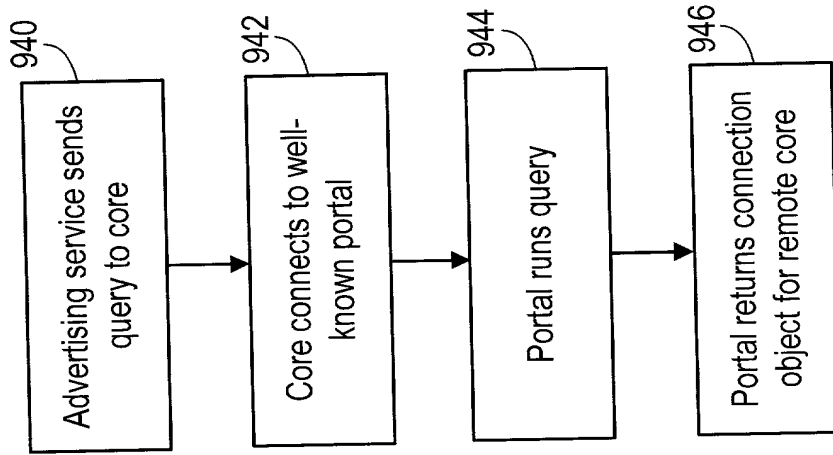


FIG. 9C